

FIG. 1A

1 CTGCTTCCACCAGCAAAGACCAACGACTGGAGGAGCCGAGCTGGCTGGAAACATG
 60 +-----+-----+-----+-----+-----+
 GACGAAGGGTGGTCTGGTTCTGGCTCGGCCTCGTCGACCCCTTGTA
 M

1 AAGAGCGGTCTTGCTGCTGACCAACGGCTCCTCGTGCTGCCACACCTGCTGGAGC
 61 +-----+-----+-----+-----+-----+-----+-----+
 TTCCTGGAGAACGGACTGGTGGAGGACCGGACGGACTGGACCCGGAC
 K S V L L T T L V P A H L V A A W S

1 ATAATTATGGGGACTGCCCTCAACACTGTGACAGCAGTGACTGCAAAAGCAGCCCC
 121 +-----+-----+-----+-----+-----+-----+-----+
 TTATAATTACGCCACCTGACGGGACTTGTGACACTGCTCACTCACGTTTCGTCGGGC
 N N Y A V D C P Q H C D S S E C K S S P

1 CGCTGCAACAGGACAGTGCTCCGACGACTGTGGCTGCTGGAGTGTGGCTGCAGGGGG
 181 +-----+-----+-----+-----+-----+-----+-----+
 GCGACGTTCTCCCTGTCAACGAGGCTGCTGACACCCGACGGAC
 R C K R T V L D D C G C C R V C A A G R

MATCH WITH FIG. 1B

MATCH WITH FIG. 1A

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FIG. 1C

MATCH WITH FIG. 1B

TCTTCCAACAGATTGTTCTCACGGAGCATGGACATCTGGAGATGGCAATATT
 481 - + - + - + - + - + - + - + - + - + - + - + - + - + - +
 AGAAGGTTGTCTAAACAAGAGACTGGCTCGTACTGTACCGTAGACCTACCGGTATAA
 S S N R F V S L T E H D M A S G D G N R

GTGAGAGAACGTTGTAAGAGAACGTTGCTGCCGGTCTCCCGTAATGAGGAATGGTTA
 541 - + - + - + - + - + - + - + - + - + - + - + - + - + - +
 CACTCTCTTCAACACTTCTTACGACGGCCCAGAGGGCATTACTCTCTTACCAAT
 V R E E V V K E N A A G S P V M R K W L
 (3) 6 / 6
 AATCCACGGCTGATCCGGCTGTGATTTCGAGAGAACGGCTCTTCTGAYTGTTCAA
 601 - + - + - + - + - + - + - + - + - + - + - + - + - + - +
 TTAGGGTGCAGACTAGGGCCGACACTAAAGACTCTTCCGAGATAAAAGCACTRACTACAACTT
 N P R *

CACACAGCCAACATTAGGAACCTTTCTAGATTATAGCATAAGGACATGTAATTTCGAA
 661 - + - + - + - + - + - + - + - + - + - + - + - + - + - +
 GTGTTGGTTGTAAGAGATCTAATATCGTATTCCTGTACATTAAACTTAAACTT
 721

GACCAAATGATGGCATGGGATCCAGAAACAAAAGTAGGATACTTACAAATCCATA
 780 - + - + - + - + - + - + - + - + - + - + - + - + - + - +
 CTGGTTTACACTACGGTACCCATGGTCTTTGTTTCATCCTATGAATGTTAGGTATT
 MATCH WITH FIG. 1D

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MATCH WITH FIG. 1C

CATCCATATGACTGAACACTTGTATGTTGTTAAATAATTGGCATGATTG
 781 +-----+-----+-----+-----+-----+-----+
 GTAGGTTAACTGACTTGTGAACATACACAAACAAATTATAAGCTTACATCAACA

TAATGTTGTTGTTAGTAAACACTGAAGAACATAAAATGCAATTAGGTAATCTTACATG
 841 +-----+-----+-----+-----+-----+-----+
 ATTACACACATATCATTTGACTTCTGATTTCAGTTAACATTAGAATGTAC

GAGACAGGTCAACCAAAGGGAGCTAGGCCAAGGCTGTGAAGACCCGAGTCAGTCAAATTAG
 901 +-----+-----+-----+-----+-----+-----+
 CTCTGTCCAGTTGGTTCTCCCTCGATCCGACTCTGGTCACTCAGTTAACAT

TCTTTGACTTGTACATTAAATGTTGGATATGGAATGAAAGACTTAAGAGCCAGGAGA
 961 +-----+-----+-----+-----+-----+-----+
 AAGAAACTGAAACTACATGTAAATTACAACCCATTACCTTACTCTGAATTCTCGTCCTCT

AGATGGGGAGGGTGCGGACTGGAAATAAAATATTAGCCCCTTCCCTGGTAGGTAGCTT
 1021 +-----+-----+-----+-----+-----+-----+
 TCTACCCCTCCCCACCCCTACCCATTATAATCGGGAAAGGAAACCATCCATCGAA

MATCH WITH FIG. 1E

F | C. | E

MATCH WITH FIG. 1D

CTCTAGAATTAAATTTRTGCTTTTGGCTTTGGAAAAGTCAAATAAA
1081 +-----+-----+-----+-----+-----+-----+-----+
GAGATCTAAATTAAAYACGAAAAAAACCCCTTTCAAGTTTATT
2

ACAACCAGAAAACCCCTGAAGGAAGTAAGATGTTGAAGCTTATGAAATTGAGTAACA
1141 +-----+-----+-----+-----+-----+-----+-----+
TGTGGTCTTTGGGACTTCCCTCATTCACAACTTACCTAAACTCATTGT

AACAGCTTGANCTGAGAGCAATTYCAAAGGCTGCTGATGTAGCCCCGGGTINCCCTNT
1201 +-----+-----+-----+-----+-----+-----+-----+
TTGTCGAAACTNGACTCTCGTTAARGTTTCCGACCGACTACATGGGGCCCAANGGANA

NTCTNAAGGAC
1261 +-----+-----+-----+
NAGANTTCCTG

5 16

E D I T E D " D E B U G G E D "

ce10 chick	... MGSAGAR	P. ALAAALLC	LARLALGSPC	PAV . . . CQC	... PAA . APQ
cyr6 mouse	... MSSSTFR	TLAVAVTLAH	LTRLAL . STC	PAA . . . CHC	... PLE . APK
ctgf human	... MTAASMGPV	RVAFVVLLAL	CSRPAVGQNC	SGP . . . CRC	... PDEPAPR
fisp-12	... MLASVAGPI	SLAL . VLLAL	CTRATATGQDC	SAQ . . . CQC	... AAEAAPH
nov chick	... METGGQQGL	PVLLLLL	RPCEVSGREA	ACPRPCGGRC	... PAEP . PR
ibp3 human	... MQRARPTLWA	AALTLLVLLR	GPPVARAGAS	SGGLGPVVRC	EPCVARALAR
ccn-4	..... MK	SVLLLTLLV	PAHLVAAWSN	MYAVDCCPQHC	DSSECKSSPR

ce10 chick	... CAPGVGLVP	.... DGCCGCC	KVCAKQLNED	C . . . SRTQP	CDHTKGLECN
cyr6 mouse	... CAPGVGLVR	.... DGCCGCC	KVCAKQLNED	C . . . SKTQP	CDHTKGLECN
ctgf human	... CPAGVSLVL	.... DGCCGCC	RVCALKLGEL	C . . . TERDP	CDPHKGLEFC
ccn-4	.....	.....	.....	.....	.....

ce10 chick	RLVNDIHKFR	D	401	411
cyr6 mouse	SLFNDIHKFR	D		
ctgf human	YYRKMYGDMA	.		
fisp-12	YYRKMYGDMA	.		
nov chick	DPMSSSEAKI	.		
ibp3 human		
ccn-4		

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